

# Vacuum Aspiration System



SafeVac is designed for laboratory waste recovery and separation of liquid and solid. It can be widely used in cell culture, DNA extraction, microplate waste removal, and any other liquid separation or recovery.

## SAFEVAC Vacuum Aspiration Systems

### Features

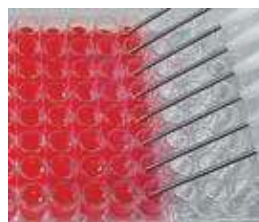
- Vacuum power can be set to different levels to achieve 1mL/S to 15mL/S aspiration speed
- Sensitive level sensor to prevent liquid overflow during operation
- Fully autoclavable waste collection bottle, tubing and handle
- Lid, tubing and handle are easy for disassembling, cleaning and autoclaving
- Wide range of adapters to fit tube, microplate and disk plate for various tasks
- Interchangeable hand operator -tip adapters make it suitable for various tasks from single channel to 8-channel based on the applications in tube, micro plate, disk plate etc.

### Specifications

Vacuum range	0-600mbar
Aspirating speed	1-15mL/S
Autoclave component	tube; waste bottle; operation handle;
Dimension[W×D×H]	180×240×450mm
Weight	3kg
Input voltage	100-240VAC, 50/60 Hz
Bottle Volume	4L

Hydrophobic filter  
0.45µm  
Φ6mm

Wide range of adapters fit well with tube, microplate and disk plate for various of tasks, all of which can be fully autoclaved ( At 121°C 1 bar for 20 minutes,After autoclaving the equipment must be cooled down before use ).



# Dispenser & Diluter System



The diluter & dispenser system can greatly improve work efficiency in the sample preparation process, It is widely used in the Analytical Techniques such as High Performance Liquid Chromatography(HPLC), Gas Chromatography(GC), Liquid Scintillation, Atomic Absorption(AA) and Inductively Coupled Plasma Spectroscopy(ICP).It can also be used in forensic Analysis, Mining Industry,Oil Sampling, Environmental Analysis and Reagent Dispensing etc.

## DL-D50-Pro Dispenser & Diluter Systems

### Features

- It is ideal for dispensing and diluting applications
- Five operating modes enabling fast and precise operation in priming, titration, volume measurements as well as in diluting, dispensing, mixing, pipetting and rinsing.
- Easy-to-use pipelines and easy-to-switch modes
- The high torque, precision stepper motors provide excellent accuracy
- Full range from 250 $\mu$ L to 25mL
- Compatible with 7 kinds of Syringes
- Adjustable pipetting speed for 9 stages

### Specifications

Accuracy	$\pm 1\%$
Precision	$\pm 0.2\%$
Flow Rate	0.003-6000 $\mu$ L/s (depending on the syringe that is selected)
Compatible Syringes	250, 500 $\mu$ L, 1, 2.5, 5, 10, 25mL
Fluid Path	Borosilicate, PTFE, CTFE
Voltage	100-240VAC
Frequency	50/60Hz
Dimension[WxDxH]	190x180x350mm
Weight	4.5kg
Permissible relative temperature	5-40 $^{\circ}$ C
Permissible relative humidity	80%RH

### Accessories

Cat. No.	Description
17900094	Syringe,250ul
17900095	Syringe,500uL
17900096	Syringe,1mL
17900097	Syringe,2.5mL
17900098	Syringe,5mL
17900099	Syringe,10mL
17900100	Syringe,25mL

